

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1068	438/795.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 08:07
L2	699	(hot or cold) adj trap and residence adj time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 08:08
S1	1	10/749961.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/21 08:06
S2	36253	atomic adj layer adj deposition or ald	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 07:57
S3	633	backing adj pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 07:57
S4	43	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 08:24
S5	4959	boc.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 07:57
S6	2	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 07:58

## EAST Search History

S7	6	S2 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 07:57
S8	2	"6794284".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:04
S9	248571	trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:06
S10	5	S4 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:10
S11	121	S3 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:10
S12	544854	deposition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:10
S13	44	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:10
S14	2865580	gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:11

## EAST Search History

S15	43	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:32
S16	2	"4647338".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:45
S17	2	"5250323".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:47
S18	1	"6506352".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:47
S19	3433582	heat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:58
S20	633	backing adj pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:05
S21	248571	trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:05
S22	544854	deposition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:05

## EAST Search History

S23	21	S20 and S21 and S22 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:07
S24	64	hot adj trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:07
S25	599506	heater	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:11
S26	15	S20 and S21 and S22 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:12
S27	2	("2003/0180458").URPN.	USPAT	OR	ON	2005/11/01 11:31
S28	5	2002/0187084	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:31
S29	45	S19 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:59
S30	76211	S19 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:58
S31	1601708	semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:59

## EAST Search History

S32	22206	S21 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 11:59
S33	9989	S22 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 12:00
S34	2044	S33 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 12:00
S35	6921	heater same trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 12:00
S36	604	S31 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 12:00
S37	375	S22 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:29
S38	1601708	semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 13:12
S39	6921	heater same trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 13:12

## EAST Search History

S40	604	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 13:48
S41	2	"5305612".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 13:48
S42	4	"03101576"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:29
S43	3	"2003101576"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 10:37
S44	2	"4757689".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:35
S45	2	"4763483".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:37
S46	6644	cold adj trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:37
S47	478065	plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:37

## EAST Search History

S48	701	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:38
S49	157	cold adj trap same plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:38
S50	1601708	semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:38
S51	46	S49 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 08:06
S52	1648569	electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:41
S53	29630	ground adj connection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:41
S54	5	S46 and S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 07:42
S55	2	"6709715".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 08:06

## EAST Search History

S56	11	("4495889"   "4500562"   "4916828"   "4951601"   "5019423"   "5268202"   "5270082"   "5355832"   "5424097"   "5556473"   "5958510").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 08:15
S57	27	("4495889").URPN.	USPAT	OR	ON	2005/11/02 09:14
S58	28	specialty adj coatings.as.	USPAT	OR	ON	2005/11/02 09:17
S59	119606	condenser	USPAT	OR	ON	2005/11/02 09:17
S60	566	S47 same S59	USPAT	OR	ON	2005/11/02 09:18
S61	2310988	substrate or wafer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 09:19
S62	379	S60 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 09:46
S63	2893	RF adj bias	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 09:47
S64	13	S46 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 09:47
S65	13	multi-stage adj trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 10:38
S66	5	("4326934"   "5593565"   "5814200"   "5858192"   "5993630").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/02 10:44
S67	0	("6730204").URPN.	USPAT	OR	ON	2005/11/02 10:44
S68	2	"6663713".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 11:34



## EAST Search History

S69	0	gas adj phase adj reaction adj trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:49
S70	185	(first and second) adj precursor adj gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 12:45
S71	211565	(cvd chemical adj vapor adj deposition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:52
S72	15576	purge adj gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:50
S73	61425	reaction adj chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:51
S74	260730	trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:51
S75	8	S70 and S71 and S72 and S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:52
S76	4908	precursor adj gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:52

## EAST Search History

S77	91	S71 and S72 and S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 10:01
S78	893	(cvd chemical adj vapor adj deposition) adj (apparatus and chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 08:53
S79	40	S72 and S76 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 09:51
S80	4736	trap near4 exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 10:02
S81	284	S71 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 10:02
S82	4540	trap near4 exhaust not cold adj trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 11:14
S83	200	S71 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 10:03
S84	14	("5422081").URPN.	USPAT	OR	ON	2006/07/18 10:16
S85	379	trap same gas adj reaction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 11:17

## EAST Search History

S86	68	S71 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 12:08
S87	2	10/277914.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 12:09
S88	16	("20020100417"   "4193777"   "4372759"   "4940213"   "5084080"   "5422081"   "5599382"   "5788747"   "5819683"   "5904757"   "5928426"   "6051053"   "6099649"   "6156107"   "6402806"   "6554879").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 12:09
S89	38257	atomic adj layer adj deposition or ald	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 12:46
S90	1287	first adj precursor and second adj precursor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 12:47
S91	388	S71 and S89 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:23
S92	5451	118/715.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:23
S93	308	S76 and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/18 13:23

## EAST Search History

S94	20	("3717439"   "4118539"   "4716852"   "4817558"   "4834022"   "5069930"   "5105761"   "5250092"   "5304250"   "5346578"   "5368646"   "5387289"   "5447570"   "5522934"   "5525159"   "5532190"   "5554226"   "5614055"   "5620523"   "5772771").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:31
S95	70	("3845738"   "4503807").PN. OR ("4817558").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/18 13:41
S96	2	"6461436".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 07:55
S97	2	"5928426".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 08:17
S98	2	"6383300".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 08:07
S99	2	"20030141016"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 08:10
S10 0	379	(cvd or chemical adj vapor adj deposition) and first adj precursor and second adj precursor and purge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 08:18
S10 1	277	(cvd or chemical adj vapor adj deposition) and first adj precursor and second adj precursor and purge and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 08:18

## EAST Search History

S10 2	54	(cvd or chemical adj vapor adj deposition) and first adj precursor and second adj precursor and purge and valve and trap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/19 08:18
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